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- (71) Applicant (for all designated States except US): **SENSE PROTEOMIC LIMITED** [GB/GB]; The Babraham Bioincubator, Babraham Hall, Babraham, Cambridge CB2 4AT (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BOUTELL, Jonathan, Mark** [GB/GB]; 38 Magnaville Road,

Bishop's Stortford CM23 4DN (GB). **GODBER, Benjamin, Leslie, James** [GB/GB]; 13 Crow Hill Lane, Great Cambourne, Cambridge CB3 6AP (GB). **HART, Darren, James** [GB/GB]; Sense Proteomic Limited, Babraham Hall, Babraham, Cambridge CB2 4AT (GB). **BOCKETT, Nicholas, A.** [GB/GB]; Sense Proteomic Limited, The Babraham Bioincubator, Babraham Hall, Babraham, Cambridge CB2 4AT (GB). **KOZLOWSKI, Roland** [GB/GB]; Sense Proteomic Limited, The Babraham Bioincubator, Babraham Hall, Babraham, Cambridge CB2 4AT (GB).

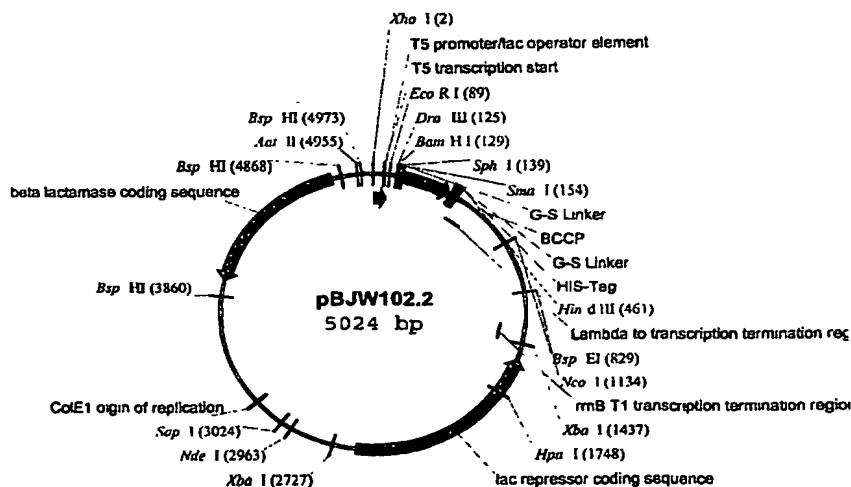
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(54) Title: PROTEIN ARRAYS AND USES THEREOF



(57) Abstract: The Inventors herein describe methods for the production of a functional human, animal, plant or microbe protein arrays and methods to assay for interactions between the proteins on the array with molecules of interest, for example, using such arrays to determine the in vitro metabolite profile of any drug. Such protein arrays can be used, for example, to assay, in a parallel fashion, the protein products of DNA sequences encoding drug metabolising enzymes (DMEs) to obtain a toxicology profile. Also described herein is a novel DME expression and purification strategy using detergents and not requiring an ultra-centrifugation step.



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